

## WEST

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L8: Entry 50 of 50

File: DWPI

Aug 22, 2000

DERWENT-ACC-NO: 2000-631402

DERWENT-WEEK: 200061

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TITLE: Cosmetic formulation for enhancing fairness of skin, contains tomato pulp

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
KOSE KK	KOSEN
NIPPON DEL MONTE KK	NIDMN

PRIORITY-DATA: 1999JP-0028302 (February 5, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2000229828 A	August 22, 2000		014	A61K007/42

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2000229828A	February 5, 1999	1999JP-0028302	

INT-CL (IPC): A61 K 7/00; A61 K 7/42; A61 K 35/78; A61 P 17/00

ABSTRACTED-PUB-NO: JP2000229828A

## BASIC-ABSTRACT:

NOVELTY - A cosmetic formulation for whitening skin contains tomato juice/pulp.

ACTIVITY - Dermatological. Skin whitening effect - Skin whitening effect of skin cream containing the tomato extract was tested on 15 females aged 28-55 years. The cream was applied to the face for 12 weeks twice (morning and night) every day. It was found that dullness of skin was prevented and skin became clear for all members of the group.

MECHANISM OF ACTION - Tyrosinase inhibitor; melamine formation inhibitor. To a sample containing 100 ml ethyl alcohol (50% in water(v/v)), 10 g each of mulberry bark and sophora flavescens were mixed and kept for 3 days at room temperature so as to obtain the extract mixture containing 2.8% mulberry bark extract and 1.8% sophorae radix extract. Filtered clear tomato liquid was mixed with the obtained extract and a solution containing 10 mg tyrosinase in phosphoric acid buffer was added to it. Further 0.1 M phosphoric acid buffer (pH6.8) was added and the solution was incubated for 10 minutes at 25 deg. C. A substrate solution containing L-DOPA (198 mg) in 100 ml phosphoric acid buffer was added and made to react for 10 minutes. The absorbence (ODS) in 475 nm was measured after the reaction. Again the absorbence (ODHE) after heat deactivation and absorbence (ODB) without sample addition, was also measured similarly using the enzyme. The activity inhibition rate of tyrosinase was computed according to the relation (ODB- (ODS-ODHE)/ODB) asterisk 100 and it was found to be very high for the sample containing the tomato extract than when the skin whitening agents were present alone.

USE - As skin whitening cosmetic (claimed), for reducing and blocking sun tan and

pigmentation. The cosmetic formulation can be used as skin cream, lotion, pack and also as ingredient in foundations, eye shadow, mascara, lip stick and ointments.

ADVANTAGE - The formulation whitens skin effectively by preventing pigmentation and formations of spots and freckles. The formulation has wide medical and cosmetic benefits.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: COSMETIC FORMULATION ENHANCE SKIN CONTAIN TOMATO PULP

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A08C2; B04-A10G; B14-N17; B14-R01; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*

Fragmentation Code

M423 M431 M781 M782 M905 P616 P943 Q254

Specfic Compounds

A2NMIK A2NMIT A2NMIM A2NMIU

Chemical Indexing M1 \*02\*

Fragmentation Code

M423 M431 M782 M905 P943 Q254

Specfic Compounds

A1RH4K A1RH4M

Chemical Indexing M1 \*03\*

Fragmentation Code

M423 M431 M782 M905 P420 P943 Q254

Specfic Compounds

A0WRTK A0WRTT A0WRTM

Chemical Indexing M1 \*04\*

Fragmentation Code

M423 M431 M782 M905 P420 P943 Q254

Specfic Compounds

A1DKBK A1DKBT A1DKBM

Chemical Indexing M2 \*05\*

Fragmentation Code

H1 H100 H181 H4 H498 H9 J0 J011 J1 J171

M280 M312 M321 M332 M343 M349 M381 M391 M416 M431

M620 M782 M904 M905 M910 P943 Q254

Specfic Compounds

01628K 01628M 12616K 12616M

Registry Numbers

1628U

Chemical Indexing M2 \*06\*

Fragmentation Code

D012 D016 D025 D120 H4 H401 H441 H8 M210 M211

M225 M232 M240 M283 M320 M412 M431 M511 M520 M530

M540 M782 M904 M905 M910 P943 Q254 Q624

Specfic Compounds

00179K 00179M 14756K 14756M

Registry Numbers

0179U

Chemical Indexing M2 \*07\*

Fragmentation Code

G013 G100 H5 H541 H7 H721 H8 J0 J011 J2

J271 M210 M211 M220 M222 M232 M272 M282 M312 M321

M332 M342 M372 M391 M414 M431 M510 M520 M531 M540  
M782 M904 M905 P943 Q254 Q263  
Specific Compounds  
04911K 04911M

## Chemical Indexing M2 \*08\*

Fragmentation Code  
A119 A960 C710 G031 G032 G033 G038 G039 G060 G820  
H4 H401 H461 H8 J0 J011 J1 J151 J5 J561  
M210 M211 M240 M283 M320 M411 M431 M510 M520 M530  
M541 M630 M782 M904 M905 P420 P943 Q254

## Ring Index

06384

Specific Compounds  
07897K 07897T 07897M

## Chemical Indexing M2 \*09\*

Fragmentation Code  
G010 G015 G100 H4 H401 H441 H5 H541 H8 J5  
J581 M1 M121 M131 M150 M210 M211 M272 M281 M320  
M414 M431 M510 M520 M532 M540 M782 M904 M905 P943  
Q254  
Specific Compounds  
05228K 05228M

## Chemical Indexing M2 \*10\*

Fragmentation Code  
A212 A960 B615 B701 B713 B720 B815 B831 C710 F012  
F013 F014 F015 F113 H4 H402 H482 H8 J5 J522  
K0 L8 L818 L821 L832 L9 L942 M280 M312 M321  
M332 M343 M373 M391 M411 M431 M510 M521 M530 M540  
M630 M782 M904 M905 P943 Q254  
Specific Compounds  
04522K 04522M

## Chemical Indexing M2 \*11\*

Fragmentation Code  
G036 G038 G562 H7 H725 J0 J011 J2 J271 M210  
M211 M225 M231 M240 M262 M281 M283 M316 M321 M333  
M342 M373 M391 M415 M431 M510 M520 M530 M541 M782  
M904 M905 P943 Q254 Q624  
Specific Compounds  
06818K 06818M

## Chemical Indexing M2 \*12\*

Fragmentation Code  
G031 G032 G033 G038 G039 G060 G820 H4 H401 H461  
H8 J0 J011 J2 J251 J5 J561 M210 M211 M225  
M231 M240 M272 M281 M283 M320 M415 M431 M510 M520  
M530 M541 M782 M800 M904 M905 P420 P943 Q254  
Ring Index  
06384  
Specific Compounds  
10091K 10091T 10091M

## Chemical Indexing M2 \*13\*

Fragmentation Code  
G013 G019 G100 H5 H541 H8 J5 J582 M1 M121  
M135 M210 M211 M214 M233 M240 M272 M281 M311 M321  
M342 M382 M391 M414 M431 M510 M520 M532 M540 M782  
M904 M905 P943 Q254 Q263  
Specific Compounds  
11333K 11333M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0179U; 1628U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-189965

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L2: Entry 38 of 48

File: JPAB

Apr 4, 2000

PUB-NO: JP02000095663A

DOCUMENT-IDENTIFIER: JP 2000095663 A

TITLE: AGENT FOR EXTERNAL USE CONTAINING PLANT EXTRACT

PUBN-DATE: April 4, 2000

## INVENTOR-INFORMATION:

NAME	COUNTRY
KONDO, CHIHARU	
SENOO, MASAMI	
TAKAYAMA, AKIYOSHI	
NIIMURA, TAKAKO	
HAYASHI, AKINOBU	
KONDO, TAKESHI	

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
KOSE CORP	

APPL-NO: JP10269482

APPL-DATE: September 24, 1998

INT-CL (IPC): A61 K 7/48; A61 K 7/00; A61 K 7/06; A61 K 35/78; A61 K 7/035; A61 K 7/42

## ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a skin whitening agent, active oxygen scavenging agent and antimicrobial agent, each useful as an active ingredient of an agent for external use such as a cosmetic or quasi-drug.

SOLUTION: This skin whitening agent, active oxygen scavenging agent or antimicrobial agent contains, as active ingredient, one or more kinds of extract selected from those afforded by the following plants: *Artocarpus lakoocha Roxb.*, *Streblus asper Lour.*, *Blumea balsamifera DC.*, *Pluchea indica(L.) Less.*, *Coccinia indica Wight and Arnott.*, *Coccinia grandis Voight*, *Gloriosa superba L.*, *Heliotropium indicum R. Br.*, *Hibiscus sabdariffa L.*, *Mammea siamensis Kosterm.*, *Michelia champaca L.*, *Murraya paniculata Jack*, *Mitragyna speciosa(Korth.) Havil.*, *Morinda citrifolia L.*, *Randia siamensis Craib.*, *Solanum trilosatum L.*, *Diospyros mollis Griff.*, *Elephantopus scaber L.*, *Mesua ferrea L.*, *Micromelum minutum Seem.*, *Orthosiphon stamineus*, and *Solanum violaceum Ortega*. The other objective agent for external use contains the above skin whitening agent, active oxygen scavenging agent and/or antimicrobial agent.

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L8: Entry 38 of 51

File: JPAB

Oct 31, 1995

DOCUMENT-IDENTIFIER: JP 07285846 A

TITLE: PROMOTER FOR PRODUCTION OF COLLAGEN AND SKIN COSMETIC CONTAINING THE SAME  
BLENDED THEREINAbstract Text (1):

PURPOSE: To obtain the subject promoter, comprising crocetin, excellent in promoting actions on the production of collagen, normalizing actions on skin tissue structures, activating actions, etc., on extracellular matrices and useful for a skin cosmetic excellent in skin beautifying effects such as the reduction in wrinkles and skin roughening.

Abstract Text (2):

CONSTITUTION: This promoter for the production of collagen comprises crocetin which is one of carotenoids contained in *Crocus sativus* L. of the family Iridaceae, *Gardenia jasminoides* Ellis forma *grandiflora* Makino of the family Rubiaceae, etc. Furthermore, this skin cosmetic is obtained by blending the promoter in an amount of preferably 0.001-1wt.%, more preferably 0.01-0.5wt.% based on the cosmetic therein. The crocetin is preferably dissolved in an oily- phase ingredient and then mixed with an aqueous phase ingredient in blending thereof in the cosmetic. A cream, a milky lotion, an oil, etc., are especially preferred as the dosage form of the cosmetic.

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L11: Entry 60 of 76

File: JPAB

Jun 4, 1996

PUB-NO: JP408143466A

DOCUMENT-IDENTIFIER: JP 08143466 A

TITLE: NATURAL ANTIOXIDANT AND ACTIVE OXYGEN SCAVENGER

PUBN-DATE: June 4, 1996

## INVENTOR-INFORMATION:

NAME	COUNTRY
HAMANO, KAZUKI	
KAYANO, SHINICHI	
YOSHITANI, MICHIO	

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
SANKI SHOJI KK	

APPL-NO: JP06280879

APPL-DATE: November 15, 1994

INT-CL (IPC): A61 K 35/78; A23 L 3/3436; A23 L 3/3472; C09 K 3/00; C09 K 15/34

## ABSTRACT:

PURPOSE: To provide an antioxidant and an active oxygen scavenger containing extract of mulberry fruit or mulberry leaf as an active component and useful in the field of foods, food additives, cosmetics, pharmaceuticals, etc.

CONSTITUTION: Mulberry fruit or mulberry leaf is extracted with water or a hydrophilic organic solvent (e.g. ethanol). For example, dried mulberry fruit is extracted with water by washing dried mulberry fruit with water, cutting into small pieces, adding boiling water to the cut pieces and extracting with hot water for 5min. The extract is passed through a wire gauze to remove foreign materials, concentrated at 50°C under reduced pressure and freeze-dried to obtain a dried extract. The objective natural antioxidant and active oxygen scavenger effective for preventing the oxidation-induced quality-deterioration and eliminating active oxygen can be produced by using the extract as an active component. The extract is derived from natural resource and nevertheless it exhibits antioxidation activity stronger than  $\alpha$ -tocopherol and comparable to chemically synthesized products. The natural active oxygen scavenger exhibits active oxygen scavenging action comparable to chemically synthesized product and is easily available at a low cost.

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L8: Entry 44 of 51

File: DWPI

May 15, 2001

DERWENT-ACC-NO: 2001-453935

DERWENT-WEEK: 200149

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**TITLE:** Peroxidation oxygen elimination agent for use as cosmetics, comprises essence obtained from specific plants of Rubiaceae, Iridaceae, Guttiferae, Compositae, Moraceae, Labiatae, and Zingiberaceae

Basic Abstract Text (1):

NOVELTY - Peroxidation oxygen elimination agent consists of plant essence of Rubiaceae, Iridaceae, Guttiferae, Compositae, Moraceae, Labiatae, Zingiberaceae, Caprifoliaceae, Umbelliferae, Ericaceae, Theaceae, Hottuynia cordata, Solanaceae, Rosaceae, Sapindus mukorossi, or Oleaceae.

Basic Abstract Text (3):ACTIVITY - Dermatological.Basic Abstract Text (5):

USE - As cosmetics such as make-up cosmetics and bath liquid, for preventing and improving wrinkles and aging of skin.

Standard Title Terms (1):

PEROXIDIC OXYGEN ELIMINATE AGENT COSMETIC COMPRISE ESSENCE OBTAIN SPECIFIC PLANT  
COMPOSITAE LABIATAE

L7 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:961619 CAPLUS  
TI Morinda citrifolia (**noni**) enhanced cosmetic intensive  
repair serum  
IN Jensen, Claude Jarkae; Robinson, Heidi  
PA USA  
SO U.S. Pat. Appl. Publ.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002192246	A1	20021219	US 2001-836869	20010417
PRAI	US 2001-836869		20010417		

AB The present invention advances prior art intensive repair serums by providing an intensive repair serum formulated with Morinda Citrifolia, or Noni, from the Indian Mulberry plant. The addition of Noni to the serum of the present invention serves to provide significant skin care advantages not found in prior art intensive repair serums.

L7 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:961618 CAPLUS  
TI Morinda citrifolia (**noni**) enhanced protective night  
cream moisturizer  
IN Jensen, Claude Jarkae; Robinson, Heidi  
PA USA  
SO U.S. Pat. Appl. Publ.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002192245	A1	20021219	US 2001-836868	20010417
PRAI	US 2001-836868		20010417		

AB The present invention advances prior art night cremes by providing a night creme formulated with Morinda Citrifolia, or Noni, from the Indian Mulberry plant. The addition of Noni to the night creme of the present invention serves to provide significant skin care advantages not found in prior art night cremes.

L7 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:942922 CAPLUS  
TI Morinda citrifolia (**noni**) enhanced cosmetic  
skin care toner  
IN Jensen, Claude Jarkae; Robinson, Heidi  
PA USA  
SO U.S. Pat. Appl. Publ.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002187168	A1	20021212	US 2001-836870	20010417
PRAI	US 2001-836870		20010417		

AB The present invention advances prior art toners by providing a toner formulated with Morinda Citrifolia, or Noni, from the Indian Mulberry plant. The addition of Noni to the toner of the present invention serves to provide significant skin care advantages not found in prior art toners.

L7 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2002:286671 CAPLUS

DN 136:299508

TI Skin-whitening compositions containing **Mulberry** exts.

IN Yamashita, Hiromi; Ogawa, Atsuko

PA Noevir Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002114668	A2	20020416	JP 2000-310050	20001011
PRAI JP 2000-310050		20001011		

AB The invention relates to a skin compn. providing excellent skin-whitening effect without causing skin irritation, wherein the compn. contains Mulberry ext., and at least one component selected from a group consisting of L-ascorbic acid derivs. and salts except ascorbic acid glycoside, hinokitiol, 2-hydroxycarboxylic acid and its derivs. and salts, hydroquinone and its derivs, cysteine and its derivs., glucosamine and its derivs., azelaic acid and its derivs., placenta ext., and plant and agar exts. having melanin prodn.-inhibitory effects. A cosmetic lotion contg. beeswax 6, cetanol 5, reduced lanolin 8, squalane 32.5, glycerin fatty acid 4, hydrophilic glycerin monostearate 2, polyoxyethylene sorbitan monolaurate 2, 1,3-butylene glycol 5, Morus alba ext. 0.4, sodium lactate 0.3, and water balance to 100 % was prep'd.

L7 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 2001:319695 CAPLUS

DN 134:331367

TI Cosmetic compositions containing **mulberry** extract and retinoids

IN Pillai, Sreekumar; Mahajan, Manisha Narayan; Pocalyko, David Joseph; Granger, Stewart Paton; Harichian, Bijan

PA Unilever Plc, UK; Unilever Nv; Hindustan Lever Ltd.

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001030313	A1	20010503	WO 2000-EP10225	20001011

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6261566 B1 20010717 US 2000-664166 20000918

EP 1221936 A1 20020717 EP 2000-972788 20001011

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

PRAI US 1999-160969P P 19991022

WO 2000-EP10225 W 20001011

AB A cosmetic skin care compn. comprises: a glycolic ext. of mulberry root in an amt. of from 0.00001 to 10 wt.%, a retinoid selected from retinyl acetate, retinyl palmitate and retinyl linoleate, and a cosmetically acceptable vehicle, wherein the wt. ratio of retinyl acetate to the mulberry ext. is in the range of from 1:80 to 120:1; the wt. ratio of

retinyl linoleate to the mulberry ext. is in the range of from 1:8 to 120:1; and the wt. ratio of retinyl palmitate to the mulberry ext. is in the range of 1:16 to 6:1.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:128121 CAPLUS  
DN 134:146768  
TI Production of ice **cream** containing pulverized **mulberry** leaves  
IN Yoo, Kang Sun; Kim, Hyun Bok; Kim, Sun Man; Lee, Eui Sam; Lee, Yong Ki; Lee, Yong Woo; Lim, Soo Ho; Chung, Un Yung  
PA S. Korea, S. Korea; Hong Young Industry Co., Ltd.  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2001045978	A2	20010220	JP 2000-184496	20000620
PRAI KR 1999-32108	A	19990805		

AB Pulverized mulberry leaf, medicinally useful material, is treated with a warm water contg. 0.05-0.5 % sodium bicarbonate, then dried, and made into 100-300 mesh powder. An ice cream mixt. is stirred, mixed, filtered, homogenized, sterilized, and cooled, and this was mixed with mulberry leaf powder, and a flavor, cured, and frozen to increase the total vol.

L7 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1  
AN 2001:584369 CAPLUS  
DN 135:352430  
TI Two novel glycosides from the fruits of *Morinda citrifolia* (**Noni**) inhibit AP-1 transactivation and cell transformation in the mouse **epidermal** JB6 cell line  
AU Liu, Guangming; Bode, Ann; Ma, Wei-Ya; Sang, Shengmin; Ho, Chi-Tang; Dong, Zigang  
CS The Hormel Institute, University of Minnesota, Austin, MN, 55912, USA  
SO Cancer Research (2001), 61(15), 5749-5756  
CODEN: CNREA8; ISSN: 0008-5472  
PB American Association for Cancer Research  
DT Journal  
LA English  
AB The fruit juice of *Morinda citrifolia* (noni), a plant originally grown in the Hawaiian and Tahitian islands, has long been used by islanders to treat diseases, including cancer. Two novel glycosides, 6-O-**(.beta.-D-glucopyranosyl)**-1-O-octanoyl-.beta.-D-glucopyranose and asperulosidic acid, extd. from the juice of noni fruits, were used to examine their effects on 12-O-tetradecanoylphorbol-13-acetate (TPA)- and epidermal growth factor (EGF)-induced AP-1 transactivation and cell transformation in mouse epidermal JB6 cells. The results indicated that both compds. were effective in suppressing TPA- or EGF-induced cell transformation and assocd. AP-1 activity. TPA- or EGF-induced phosphorylation of c-Jun, but not extracellular signal-regulated kinases or p38 kinases, was also blocked by the compds., indicating that c-Jun N-terminal kinases were crit. in mediating TPA- or EGF-induced AP-1 activity and subsequent cell transformation in JB6 cells.

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:271977 CAPLUS  
DN 132:283940  
TI **Cosmetics** and/or **skin** preparations containing

**mulberry extracts, Scutellaria baicalensis extracts and salicylic acid derivatives for skin lightening and skin pigmentation treatment**

IN Touzan, Philippe

PA L'oreal S. A., Fr.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000119127	A2	20000425	JP 1999-287248	19991007
	FR 2784294	A1	20000414	FR 1998-12747	19981012
	FR 2784294	B1	20001117		
	EP 997140	A1	20000503	EP 1999-402163	19990830
	EP 997140	B1	20010411		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AT 200419	E	20010415	AT 1999-402163	19990830
	ES 2157684	T3	20010816	ES 1999-402163	19990830
	KR 2000028982	A	20000525	KR 1999-43802	19991011
	CN 1261528	A	20000802	CN 1999-123894	19991011
	US 6348204	B1	20020219	US 1999-415219	19991012
PRAI	FR 1998-12747	A	19981012		

OS MARPAT 132:283940

AB Cosmetics and/or skin prepns. contg. mulberry exts., Scutellaria baicalensis exts. and salicylic acid derivs. selected from salicylic acid, 5-n-octanoylsalicylic acid, 5-n-decanoylsalicylic acid and 5-n-dodecanoylsalicylic acid for skin lightening and skin pigmentation treatment are claimed. A cosmetic emulsion contained glucate SS 3.0, fatty alcs. 4, cyclomethicone 5, 5-n-octanoylsalicylic acid 0.5, Uvinul N539 2, glycerin 3, xanthan gum 0.1, mulberry exts. 1, Scutellaria baicalensis exts. 1, sepigel 305 1, preservatives, perfumes, and water to 100 %.

L7 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 1997:390480 CAPLUS

DN 127:39526

TI Cosmetics containing sodium chloride acetic acid solution for treatment of liver spots and preparation of extracts from hinoki, pear tree, and **mulberry**

IN Matsui, Tsugimitsu

PA Matsui, Tsugimitsu, Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09124429	A2	19970513	JP 1995-289469	19951108
PRAI	JP 1995-289469		19951108		
AB	The cosmetics contain an AcOH soln. of NaCl and optionally .gtoreq.1 selected from (A) an EtOH soln. of tocopherol, (B) vitamin C, (C) hydroquinone, (D) hinokitiol, and (E) a liq. prepnd. from leaves and branch roots of hinoki, pear tree, and mulberry by alc. extn. or by fermn. An AcOH soln. of NaOH promotes peeling of epidermis of liver spot to activate metab. of the skin and other components inhibit melanin formation.				

L7 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 1988:466212 CAPLUS

DN 109:66212

TI Components of **mulberry** root skin. Antihypertensive and

AU tumor promoter-inhibiting components  
AU Nomura, Taro; Yoshizawa, Shigeru  
CS Pharma Coll., Toho Univ., Japan  
SO Kagaku to Yakugaku no Kyoshitsu (1988), 2, 25-32  
CODEN: KYKYDV; ISSN: 0289-1700  
DT Journal; General Review  
LA Japanese  
AB A review, with 9 refs., of the antihypertensive and tumor  
promoter-inhibiting flavonoids from the skin of mulberry roots (e.g.  
kuwanon derivs., morusin, etc).

L7 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS

AN 1987:483702 CAPLUS

DN 107:83702

TI **Mulberry extract-containing cosmetic**

IN Moreau-Lavaud, Reine Monique

PA Fr.

SO Fr. Demande, 7 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2582941	A1	19861212	FR 1985-8773	19850611
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AB Flavonoid-rich mulberry (*Morus alba*) exts. have skin-toning properties,  
and can be used in cosmetics. The exts. also contain essential amino  
acids, unsatd. fatty acids, and apolar lipids, such as glycerides,  
cholesterol and its esters, squalene, etc. Thus, a face cream contained  
dry mulberry leaf ext. (petroleum ether-CHCl<sub>3</sub> solvent) 0.50, dry mulberry  
leaf ext. (75% acetone) 0.50, stearic acid 8.00, cetyl alc. 2.0,  
Polysorbate 40 2.00, glycol stearate 2.60, decyl oleate 4.00,  
monopropylene glycol 4.00, methylchloroisothiazolinone 0.20, Carbopol 934  
0.30, Me p-hydroxybenzoate Na salt 0.1, Pr p-hydroxybenzoate Na salt 0.10,  
perfume 0.20, and demineralized water to 100% by wt.